

FIG. 1

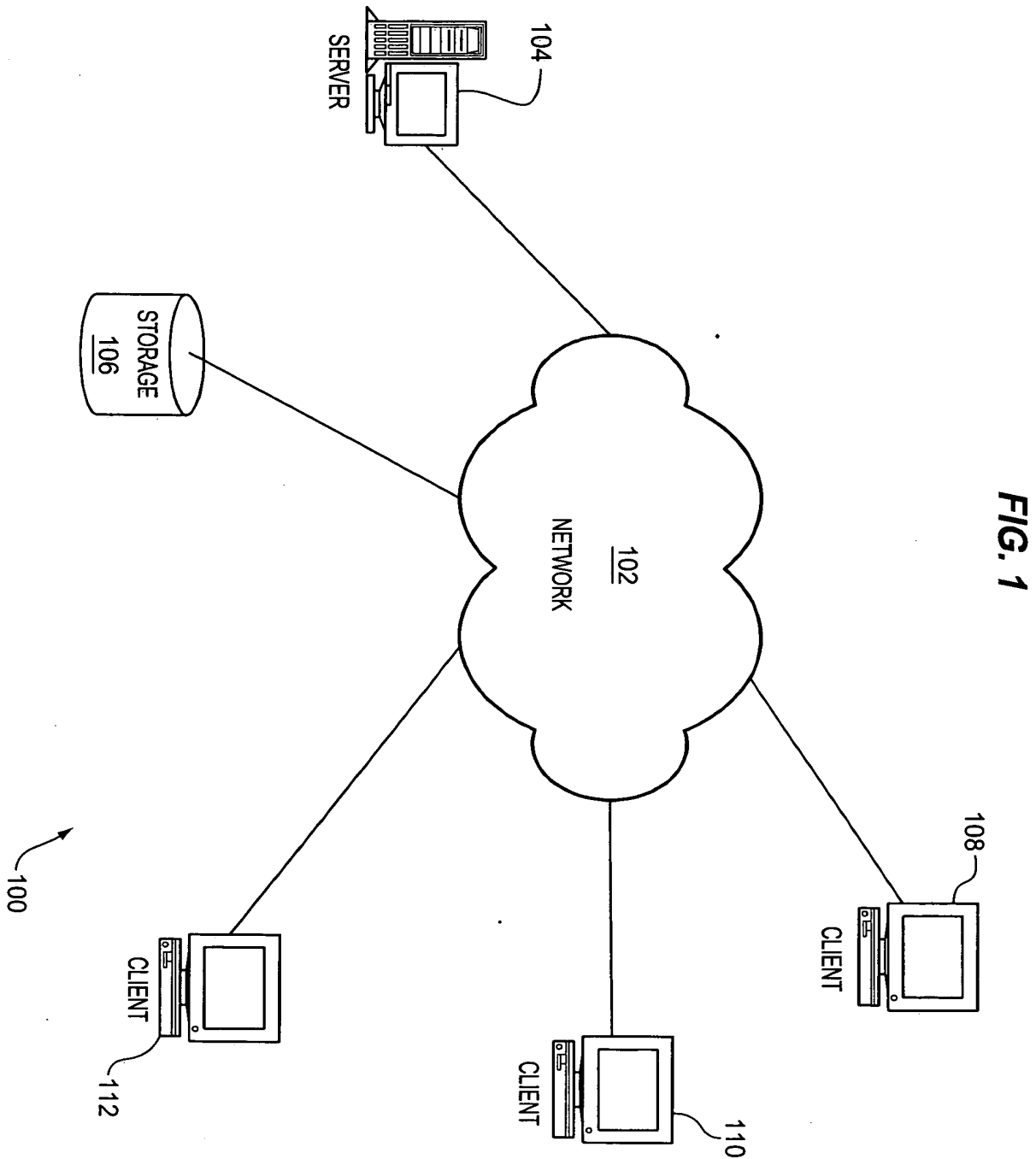


FIG. 2

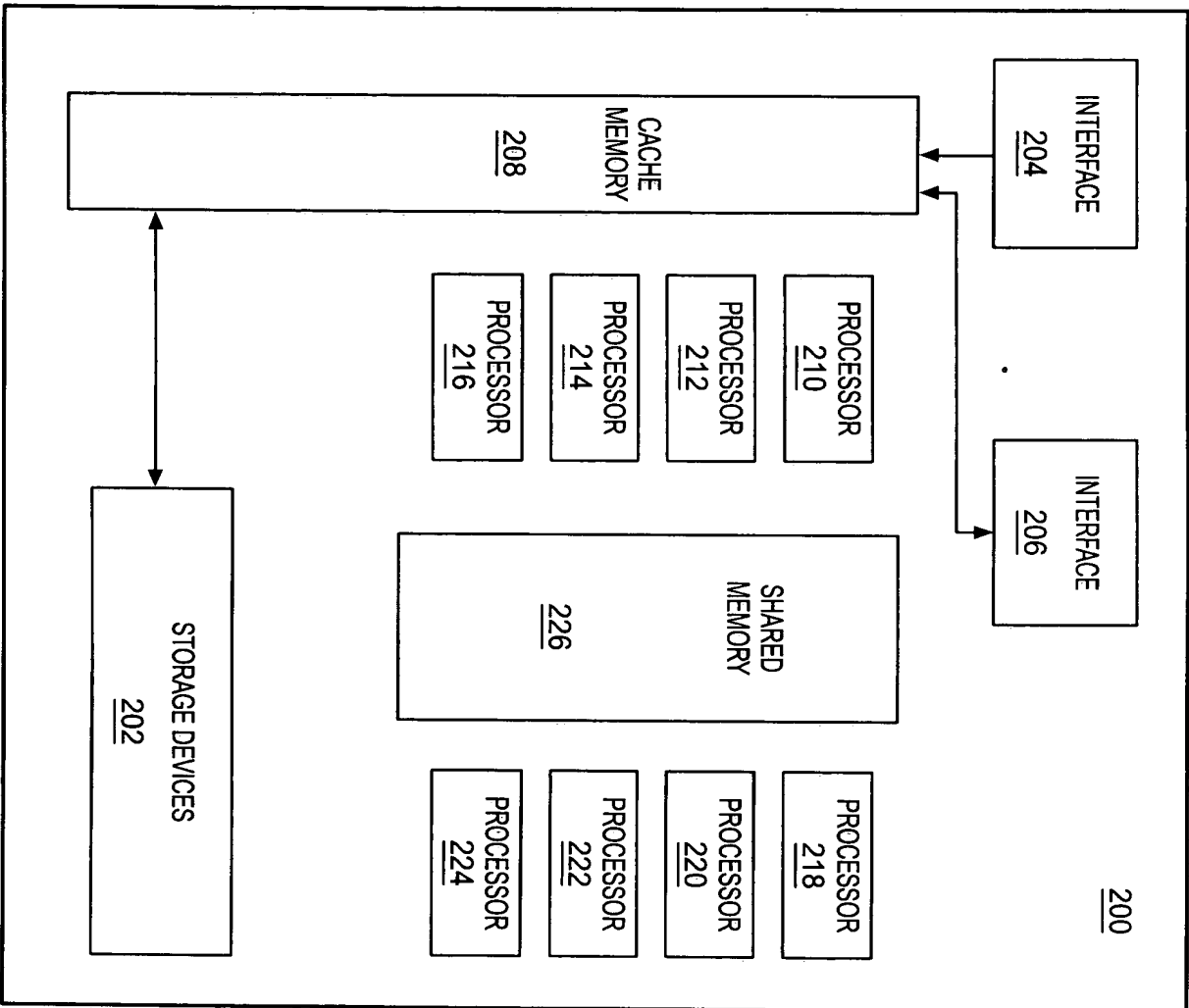


FIG. 3

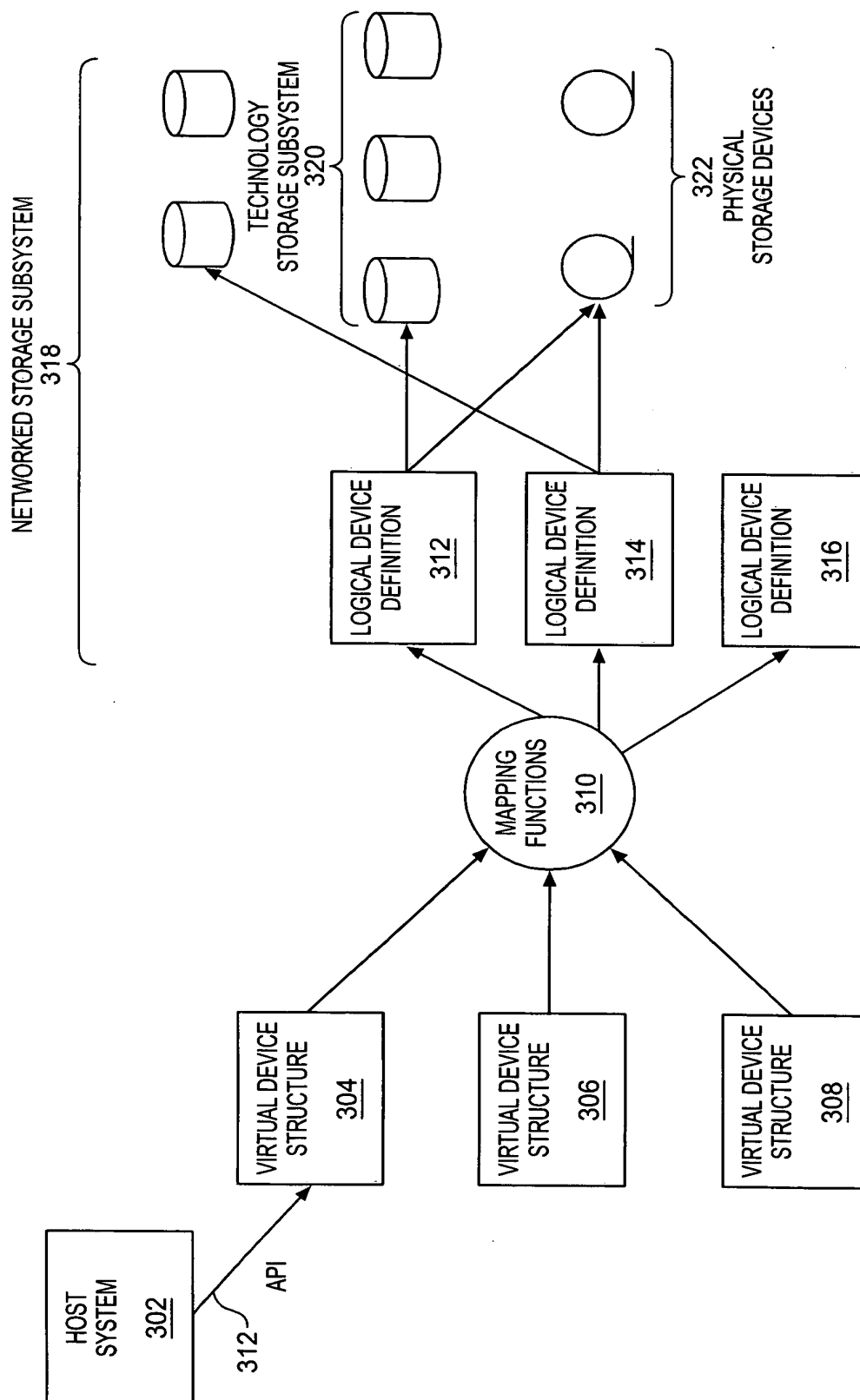


FIG. 4

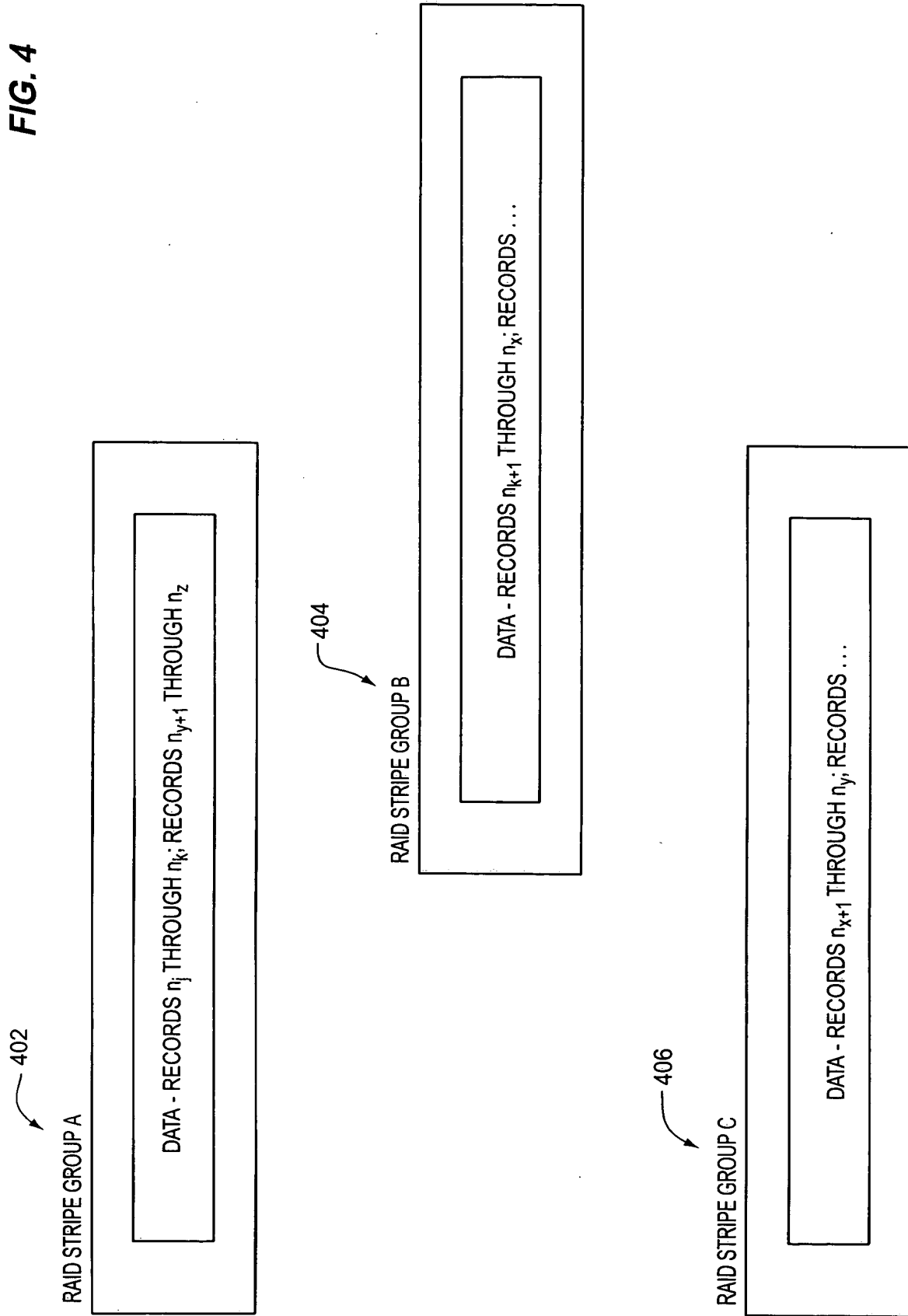
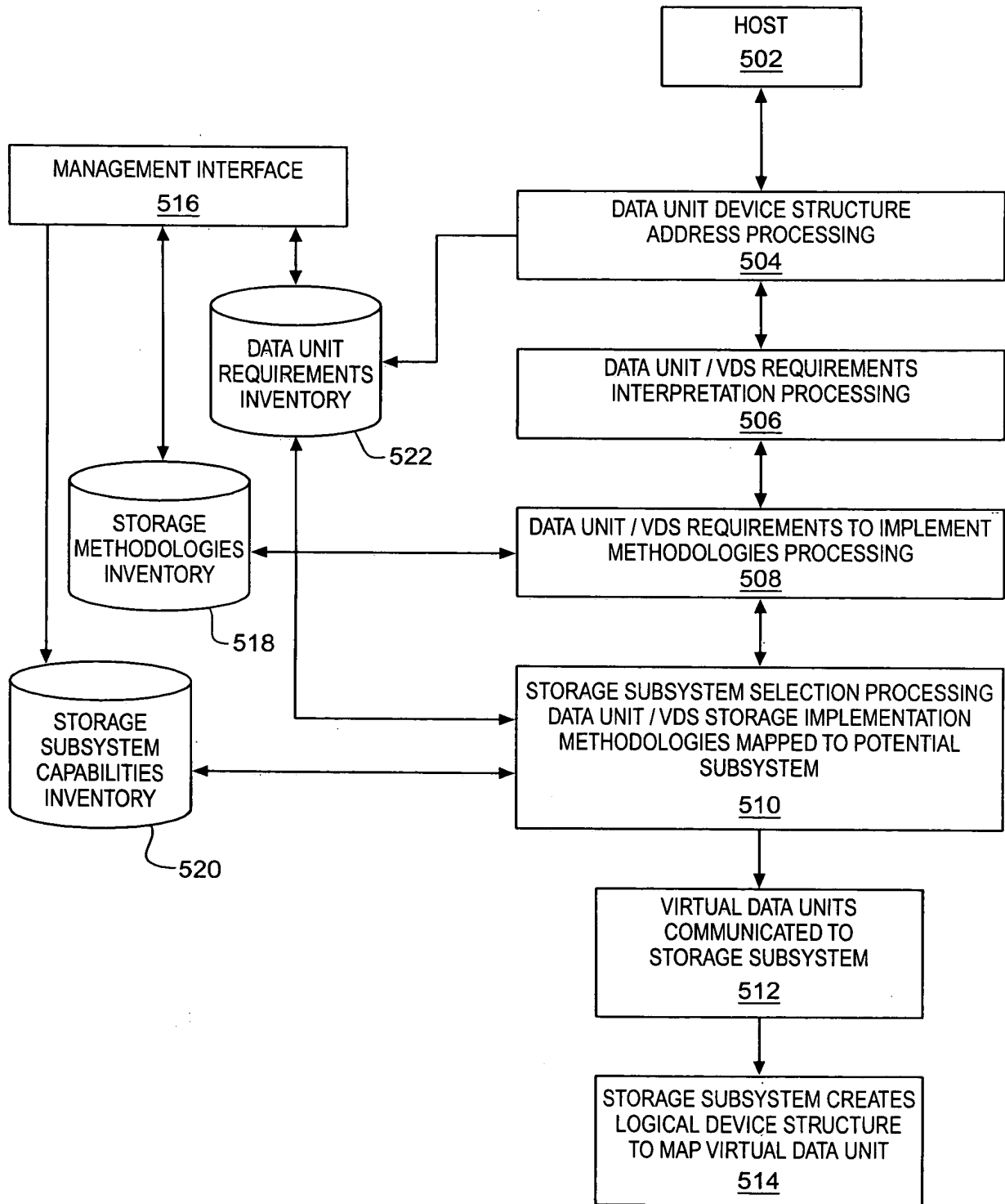


FIG. 5



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FIG. 6

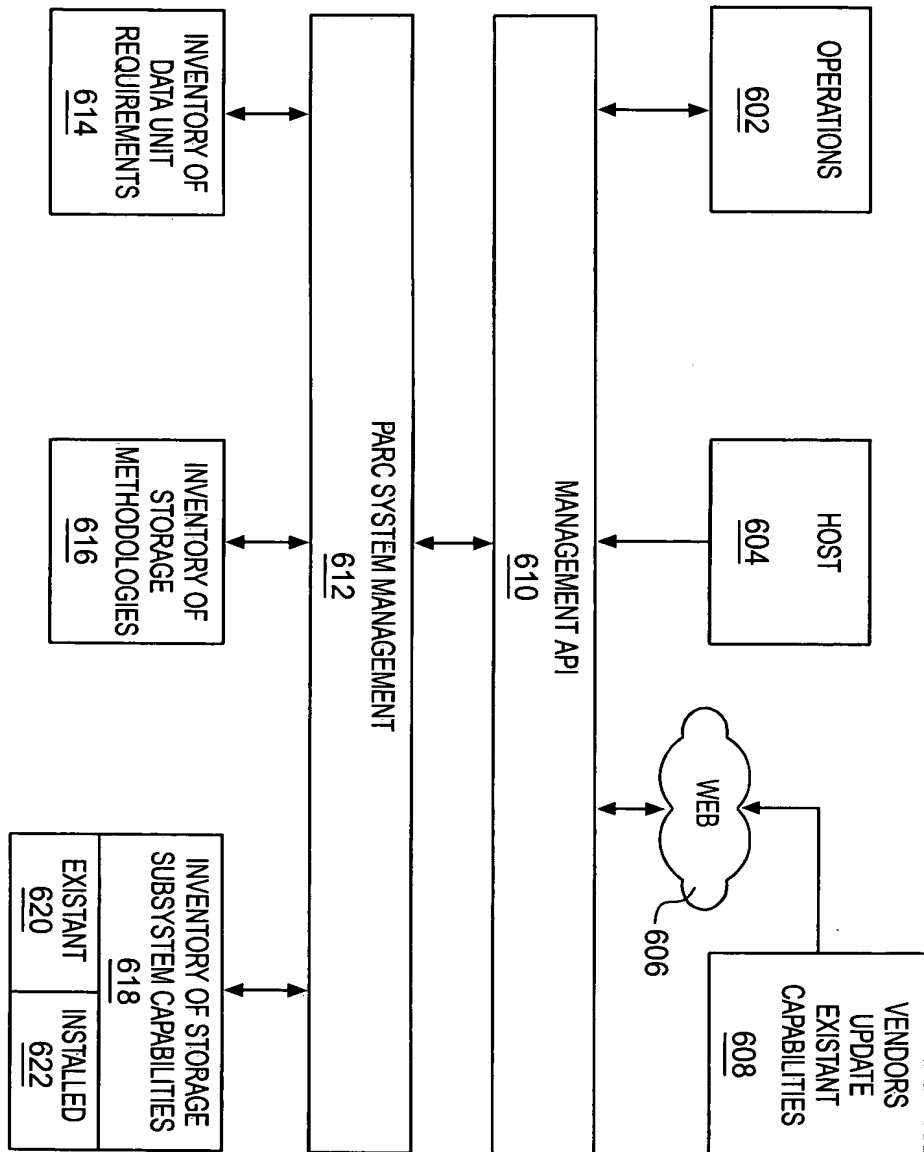


FIG. 7

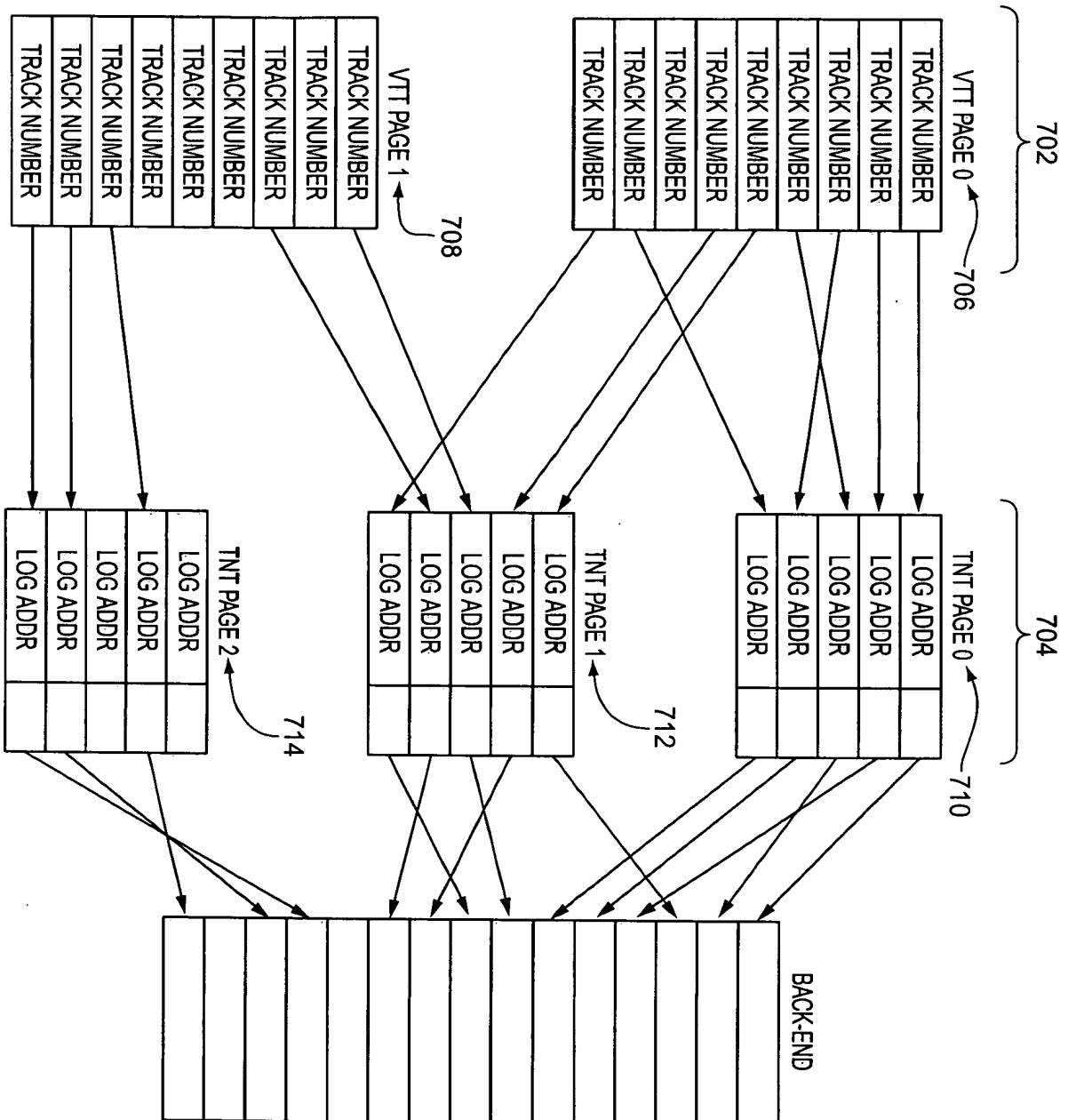


FIG. 7

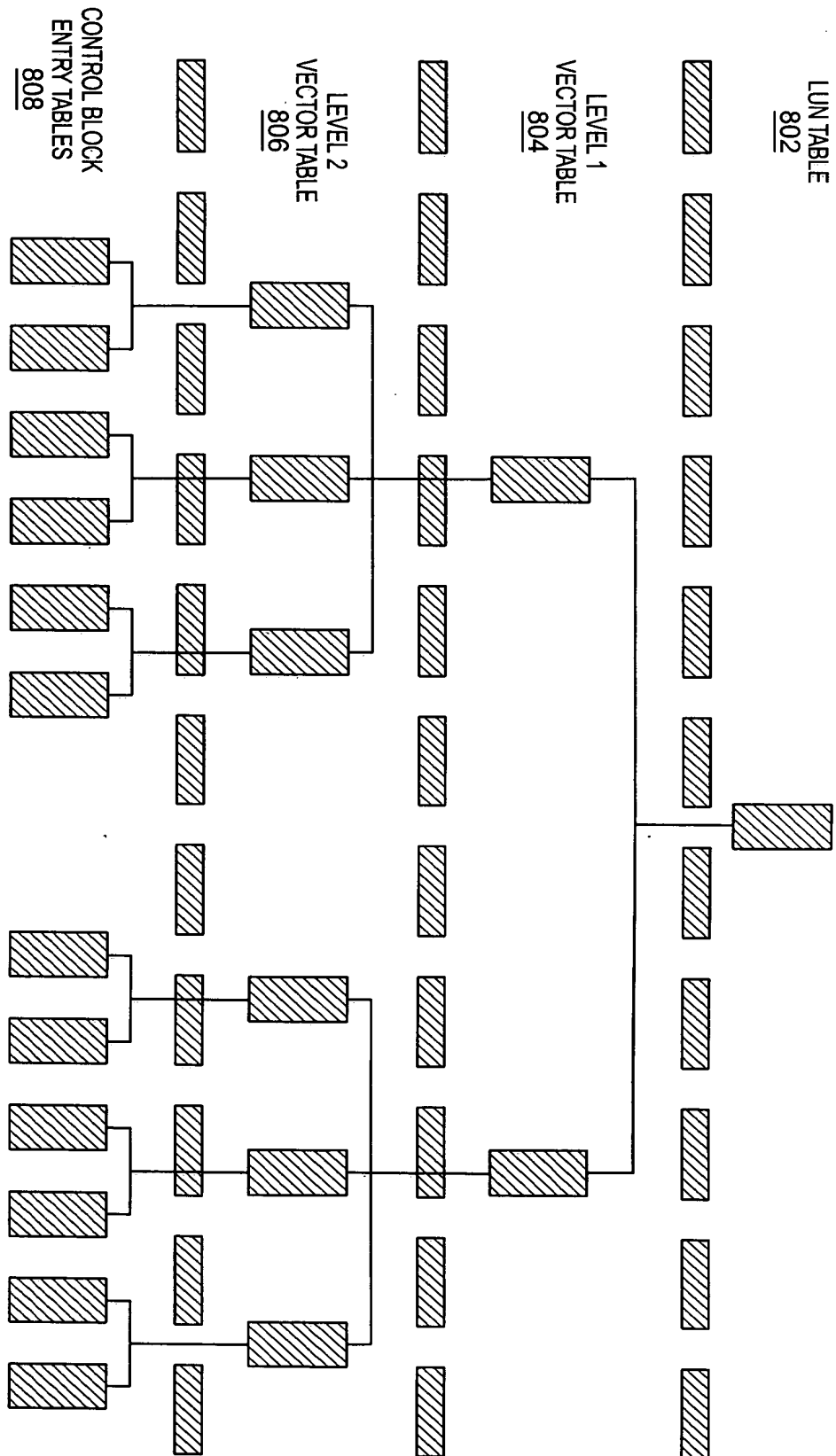


FIG. 8

FIG. 9

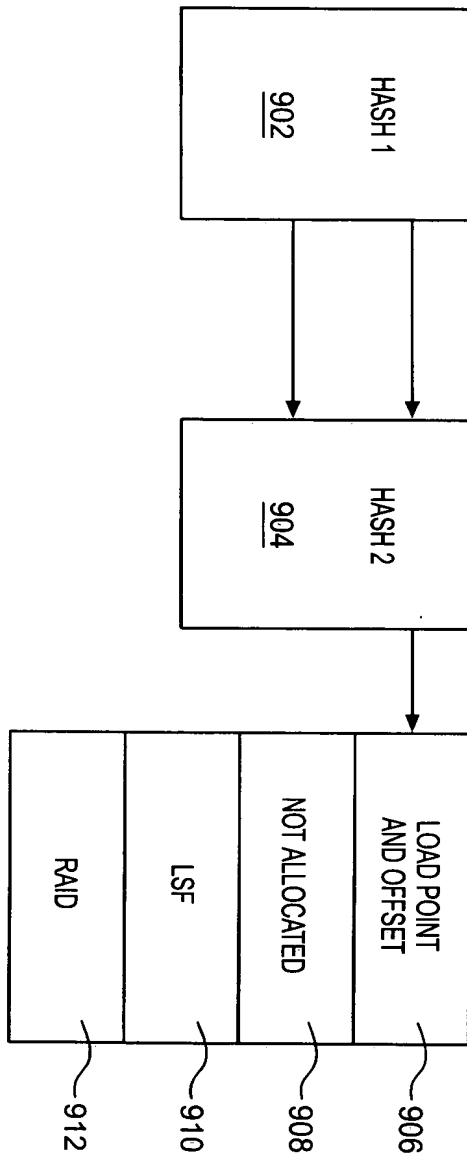


FIG. 9

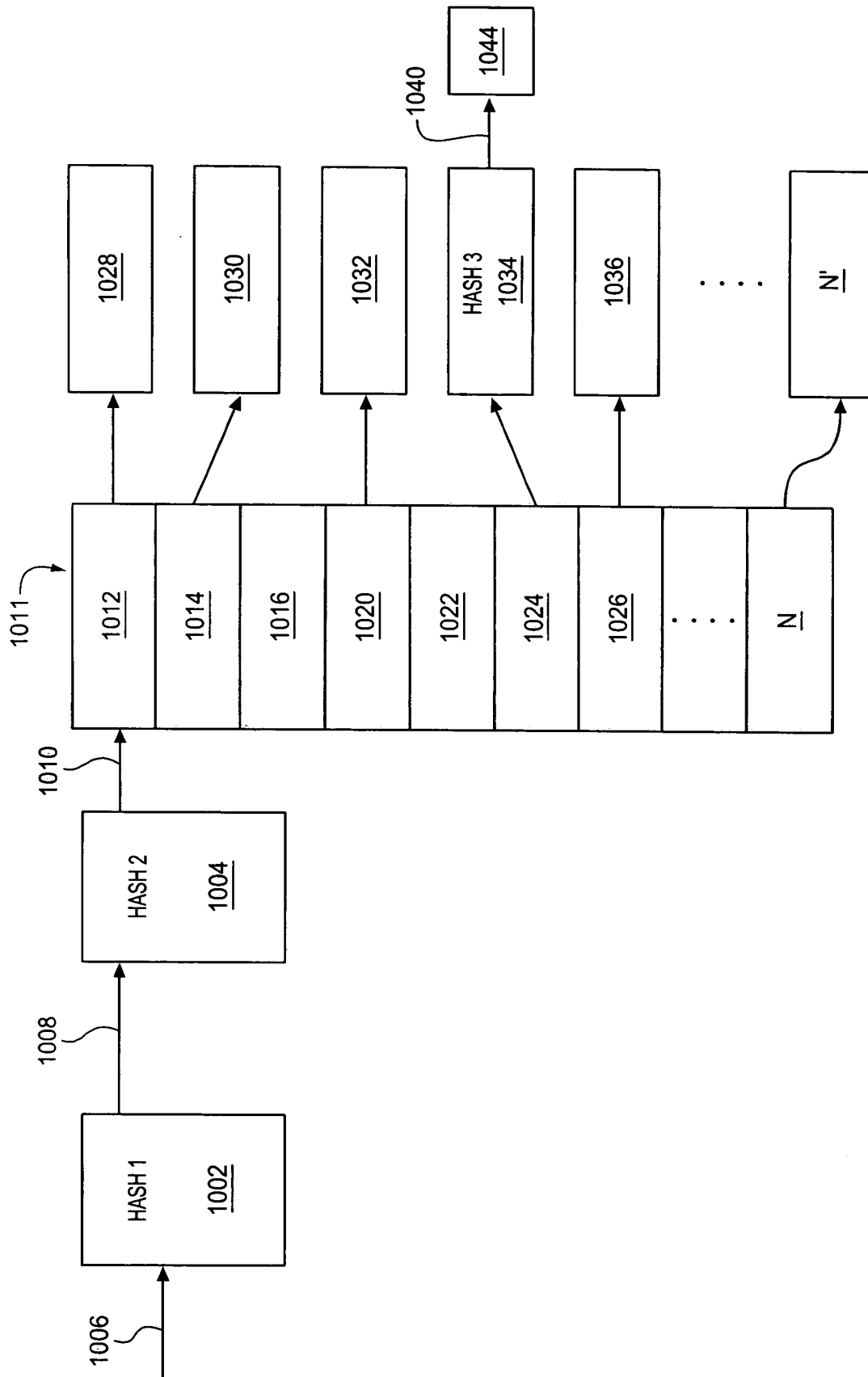


FIG. 10

FIG. 10

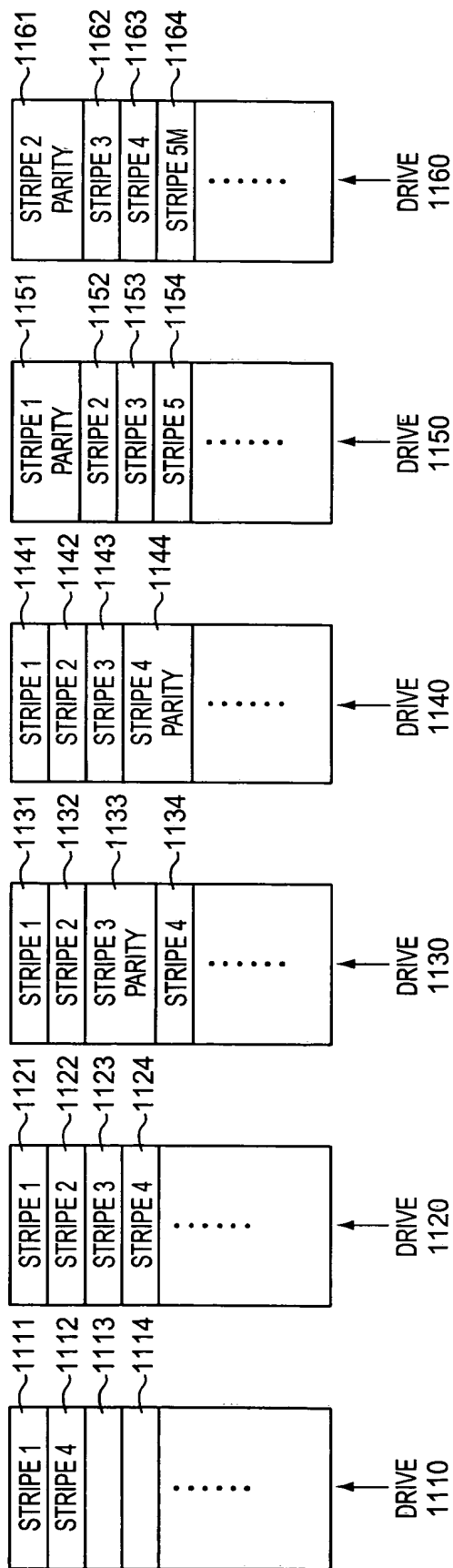


FIG. 11

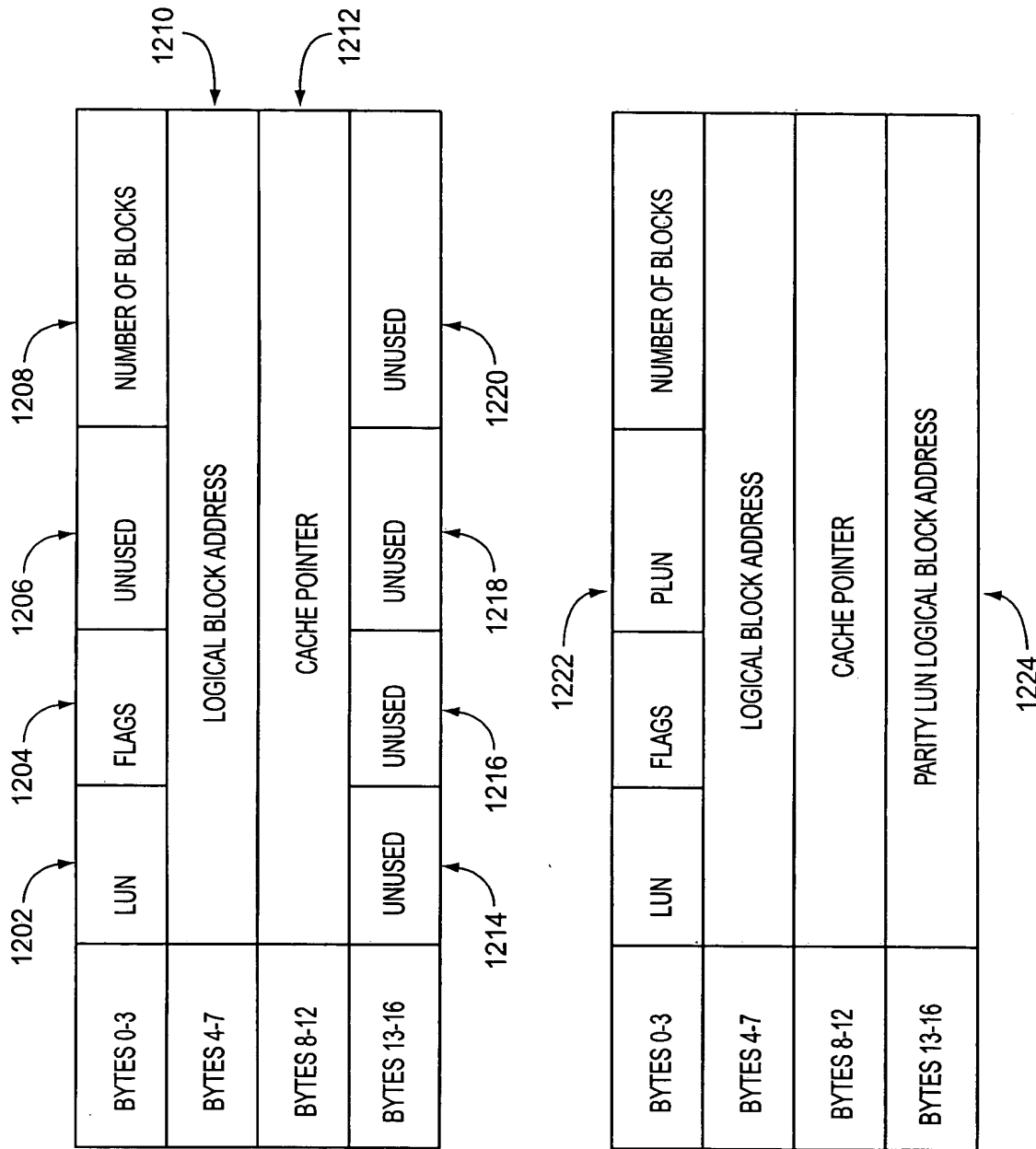
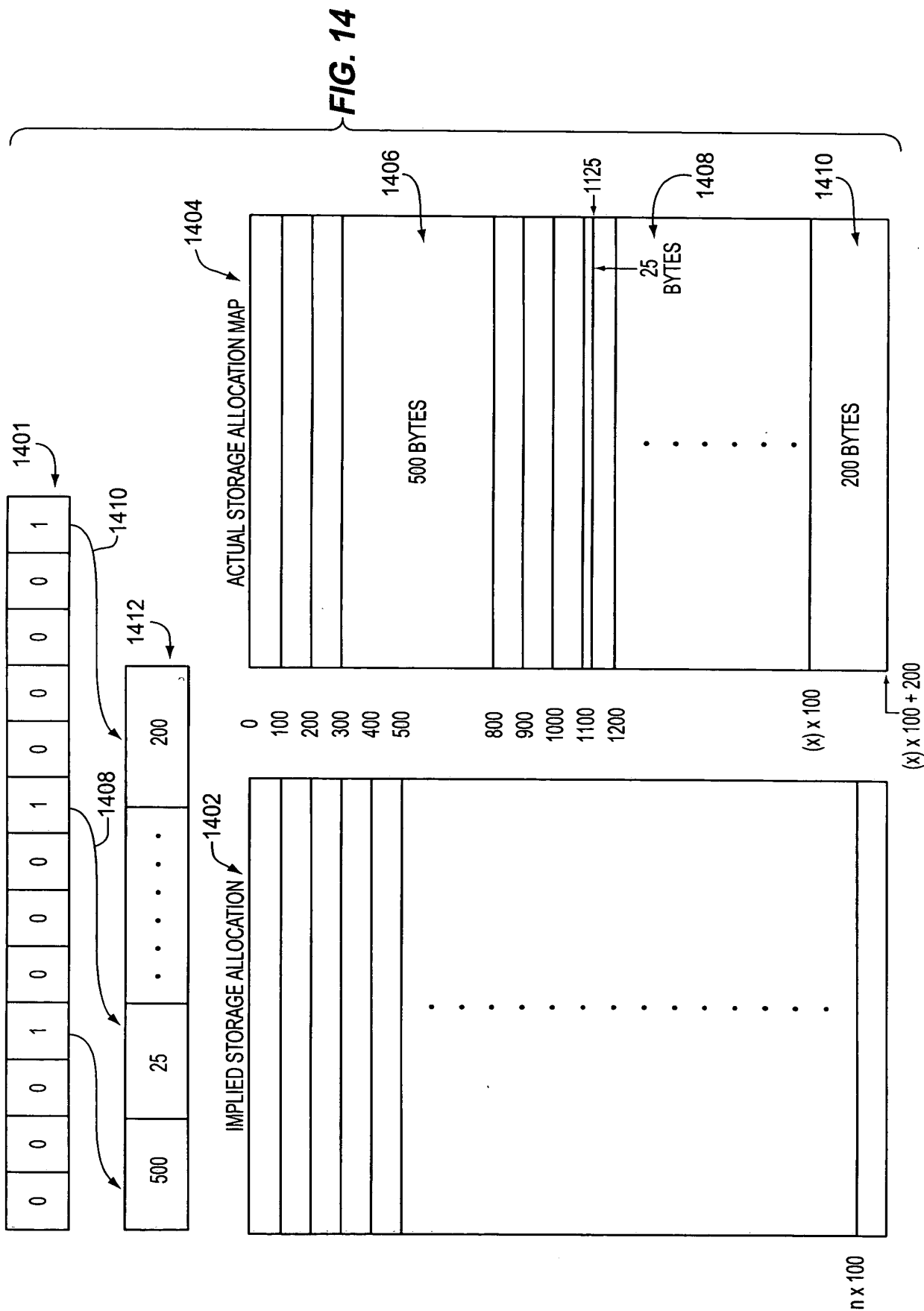


FIG. 12

FIG. 13

TIMESTAMP			
LBA OF PREVIOUS STRIPE			
PREVIOUS STRIPE LUN	INDEX OF PARITY DRIVE	RAID TYPE OF STRIPE	# OF STRIPS IN STRIP
STRIP SIZE IN BLOCKS			
1st LUN IN STRIPE	ACTIVE COUNT	# OF HOST PIECES IN STRIP	UNUSED
LBA OF DATA ON 1st LUN			
2nd LUN IN STRIPE	ACTIVE COUNT	# OF HOST PIECES IN STRIP	UNUSED
LBA OF DATA ON 2nd LUN			
Nth LUN IN STRIPE	ACTIVE COUNT	# OF HOST PIECES IN STRIP	UNUSED
LBA OF DATA ON Nth LUN			
HOST LUN	LENGTH IN STRIP	HOST LENGTH	
HOST LBA			
HOST LUN	LENGTH IN STRIP	HOST LENGTH	
HOST LBA			



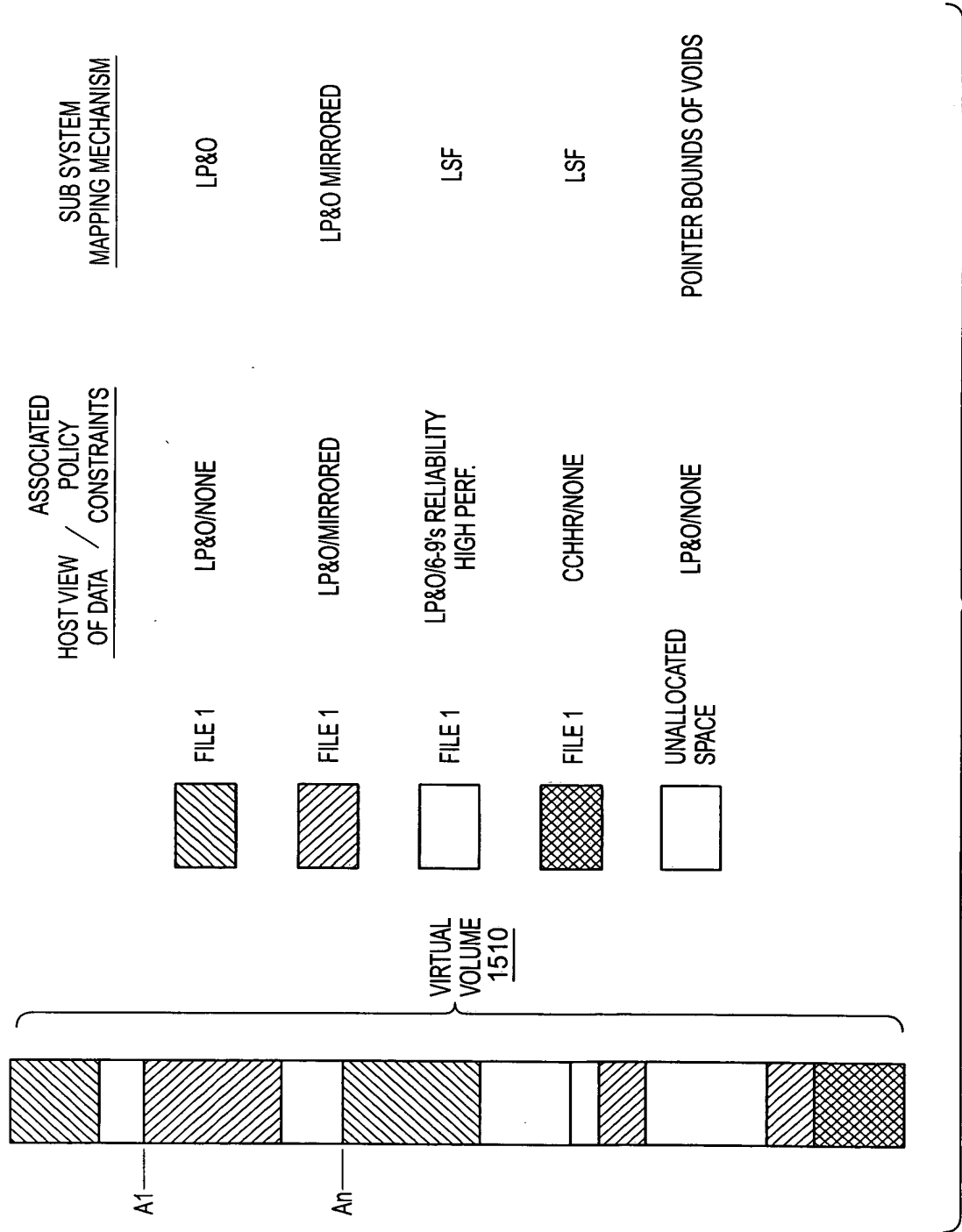
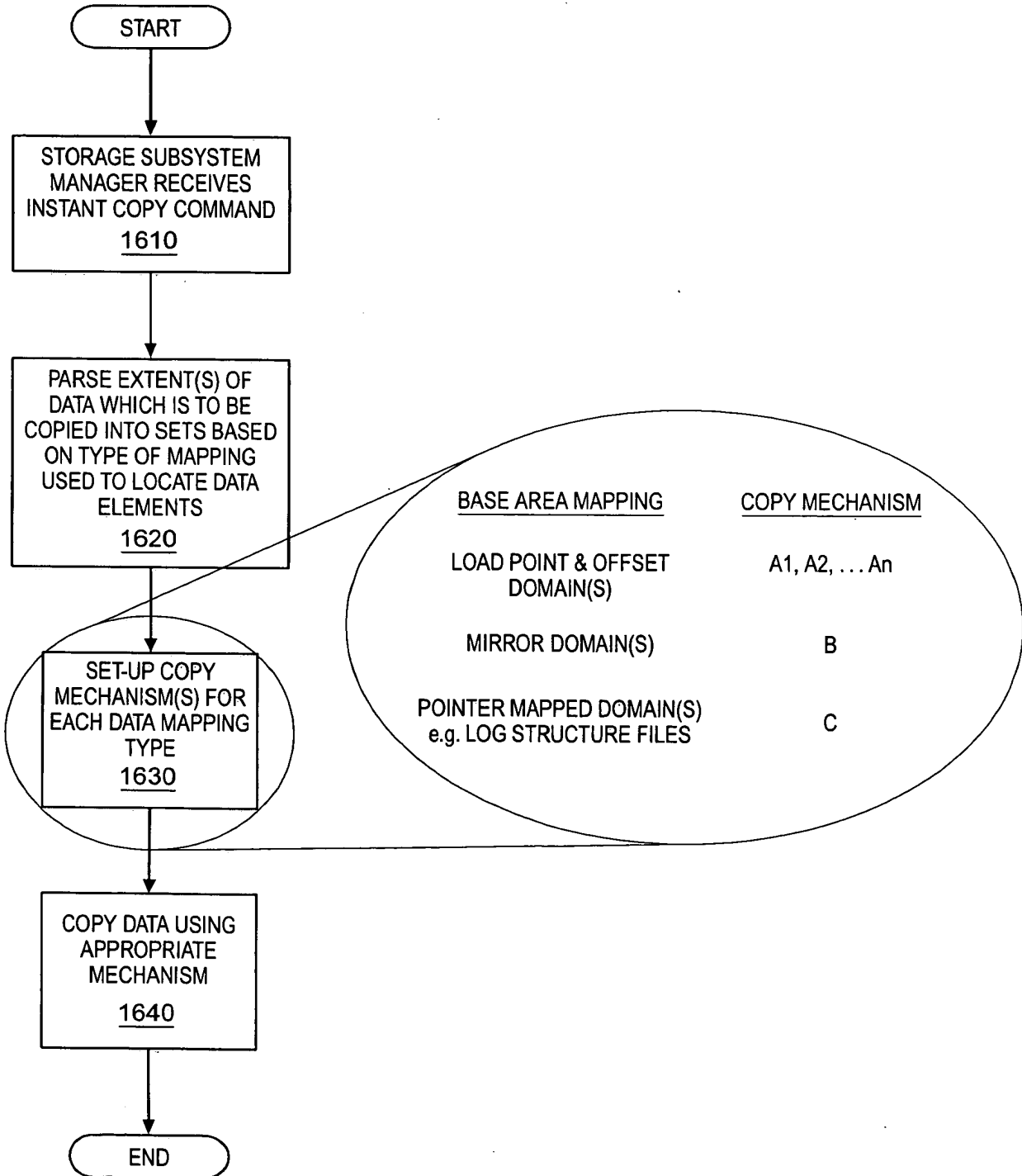
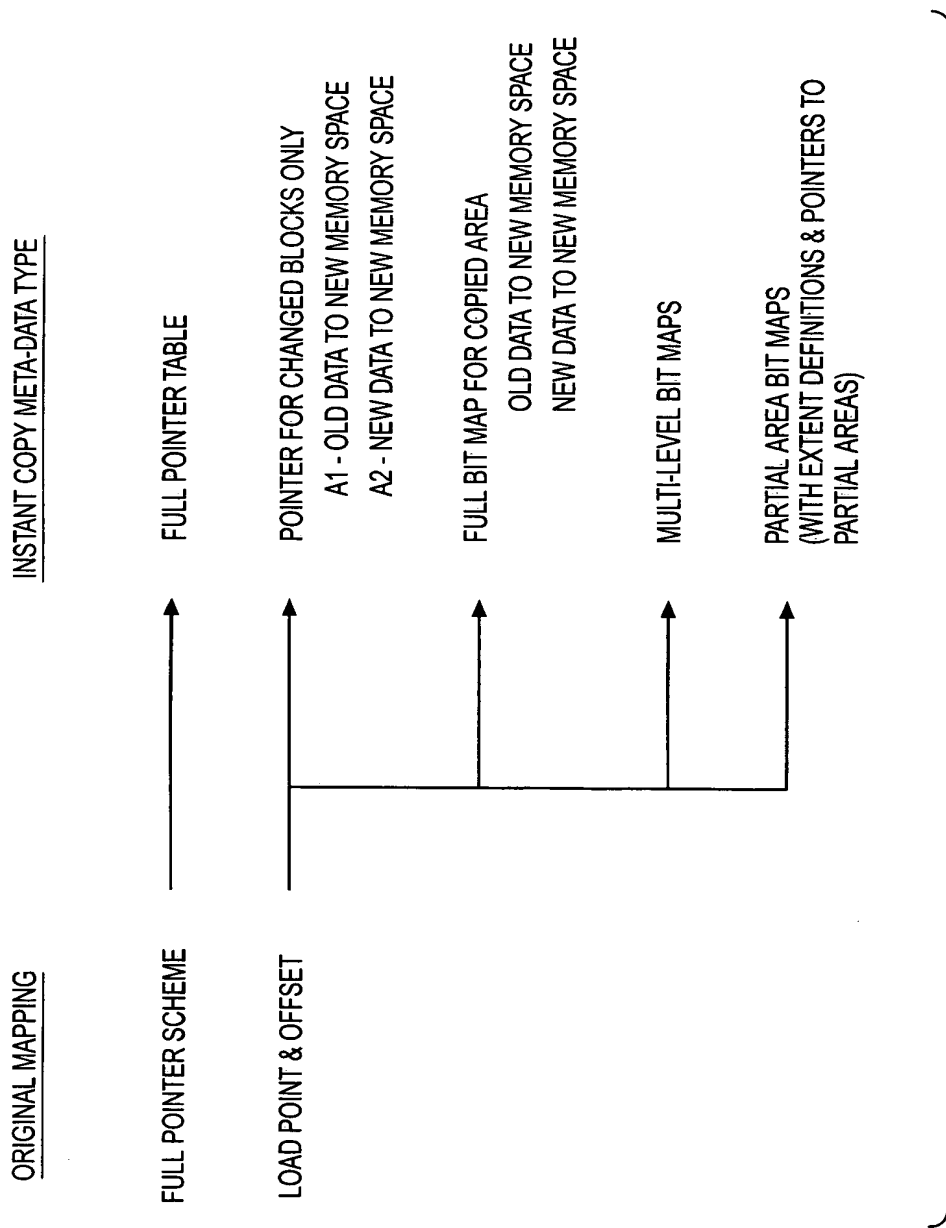


FIG. 15

FIG. 16





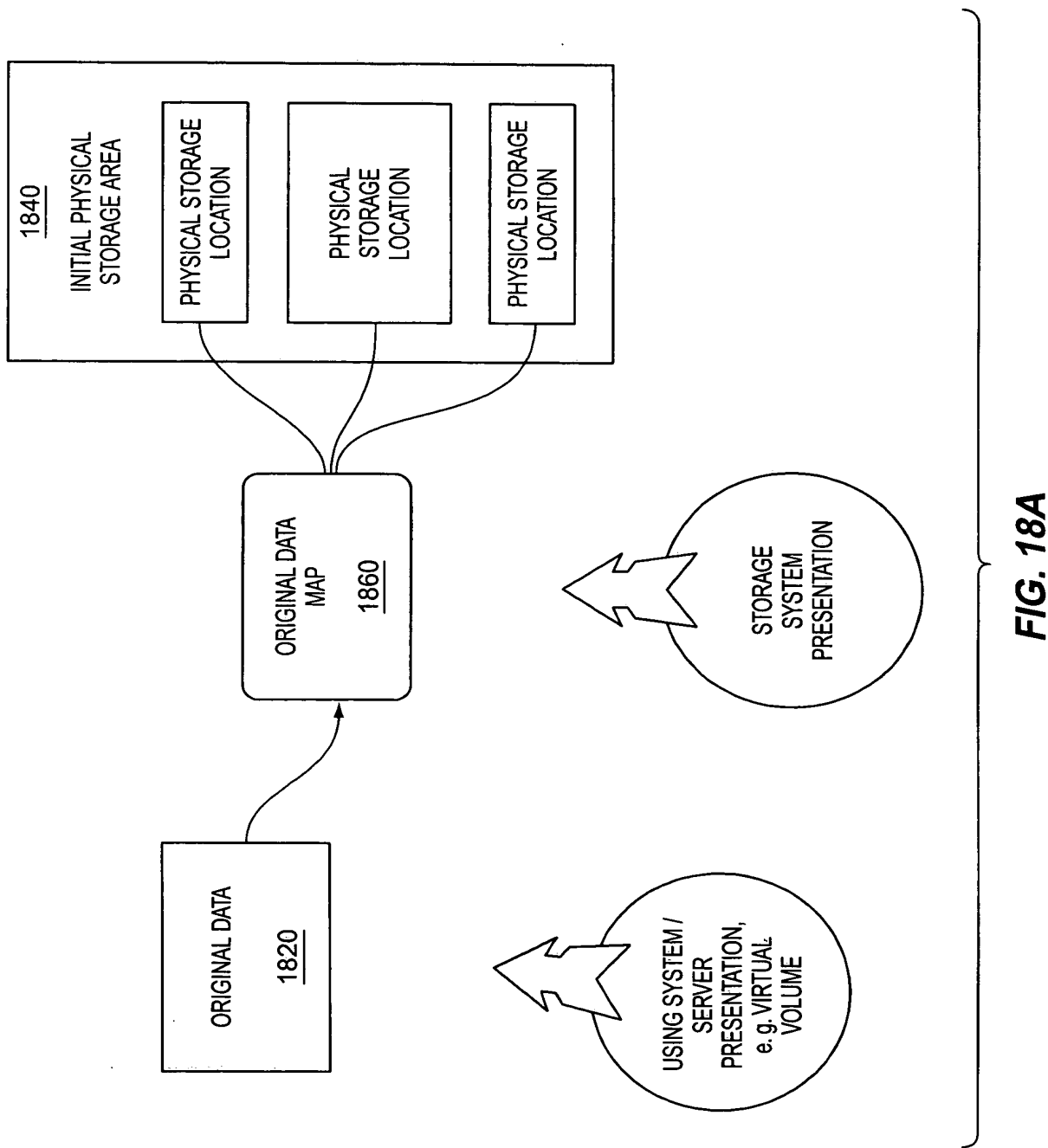


FIG. 18A

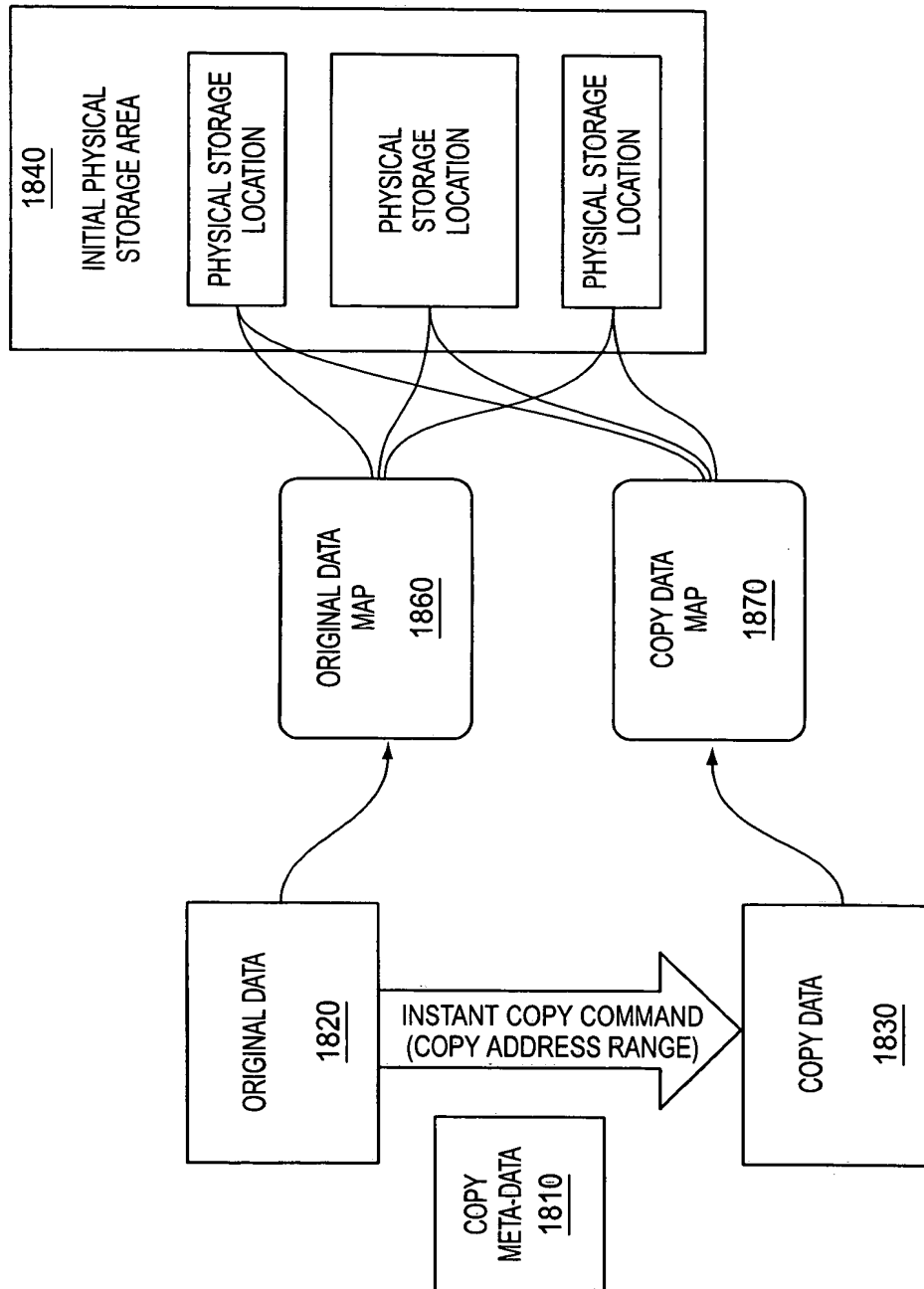


FIG. 18B

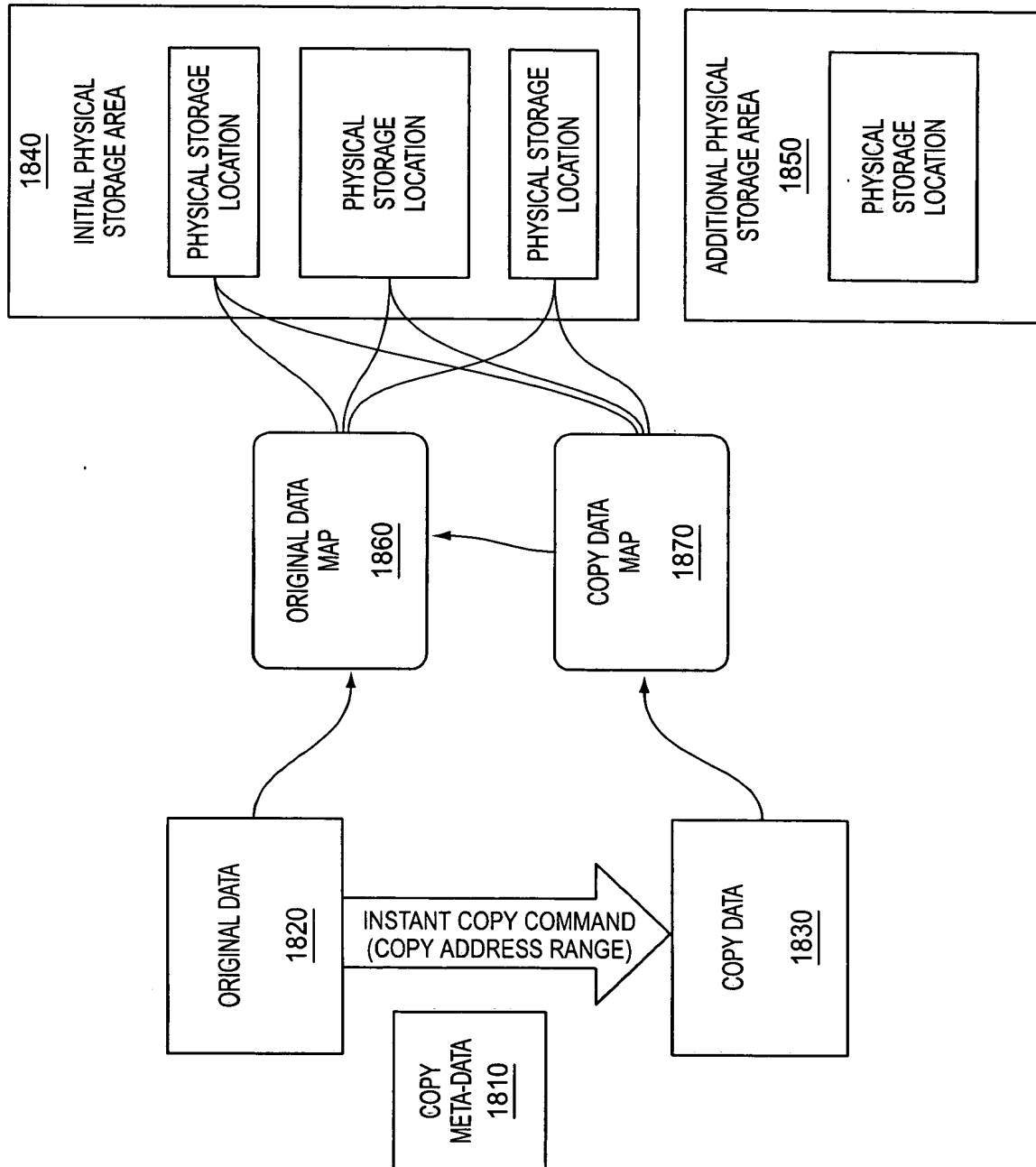


FIG. 18C

FIG. 18C

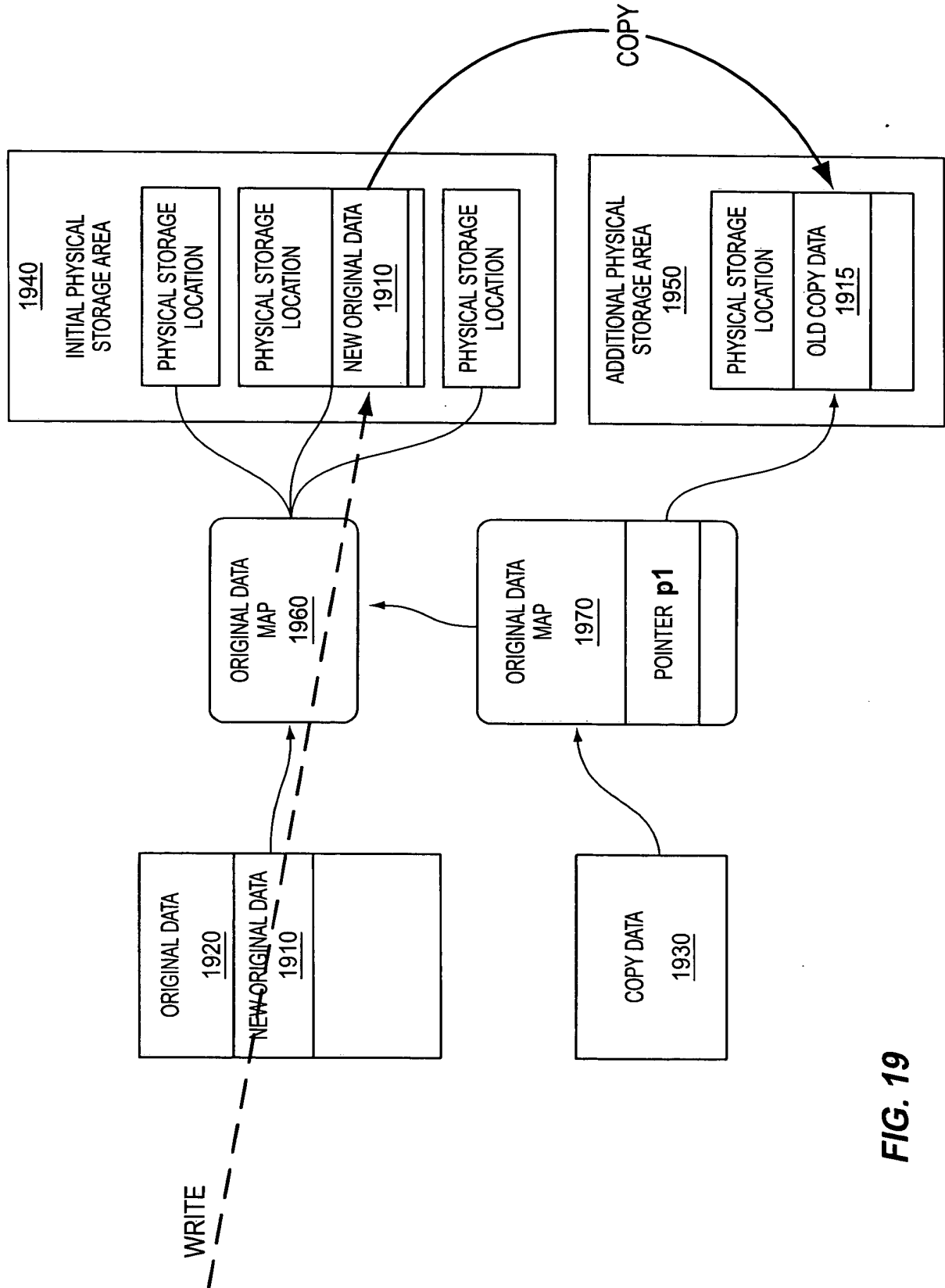


FIG. 19

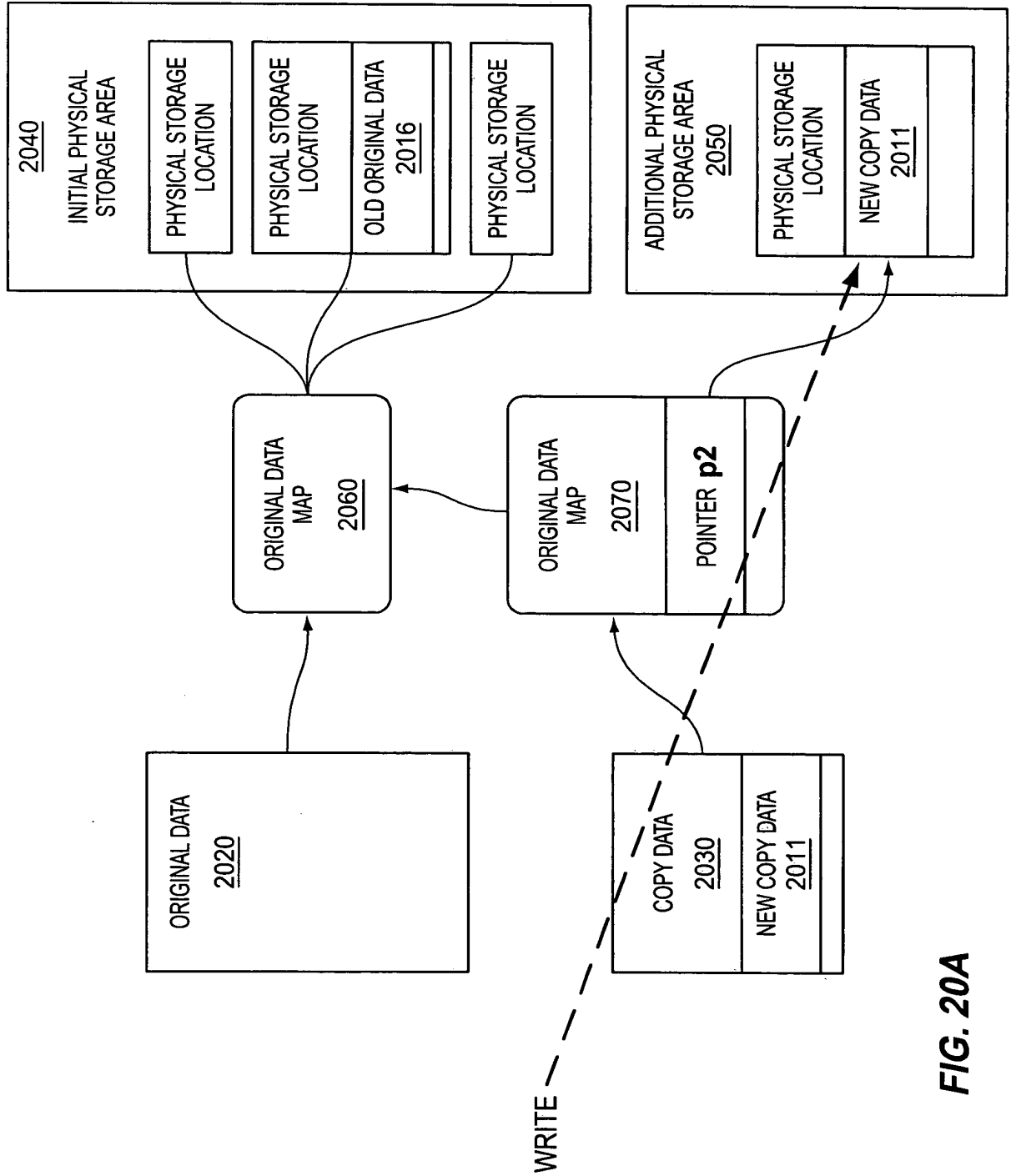


FIG. 20A

FIG. 20A

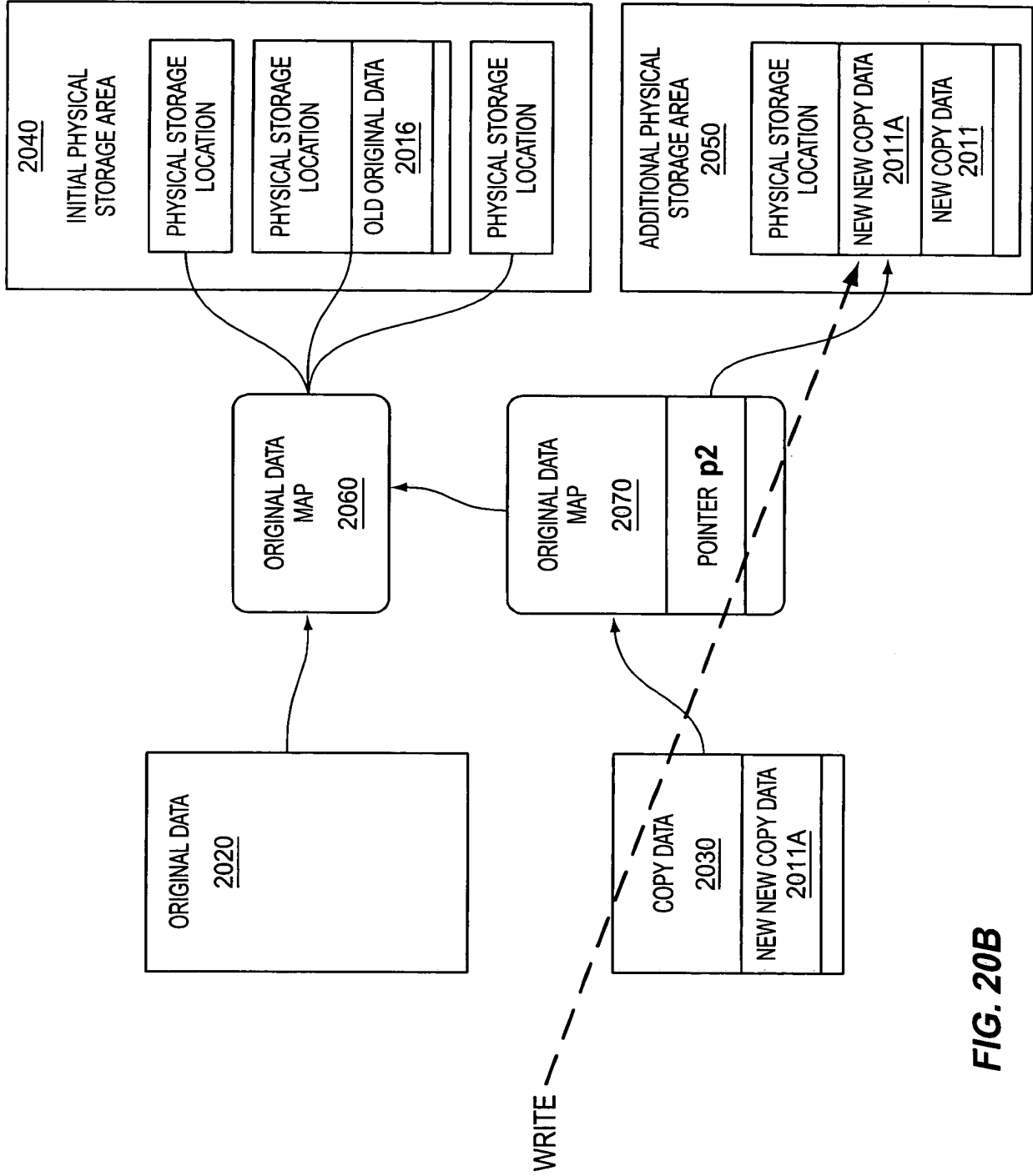


FIG. 20B

Patent # 2004022650

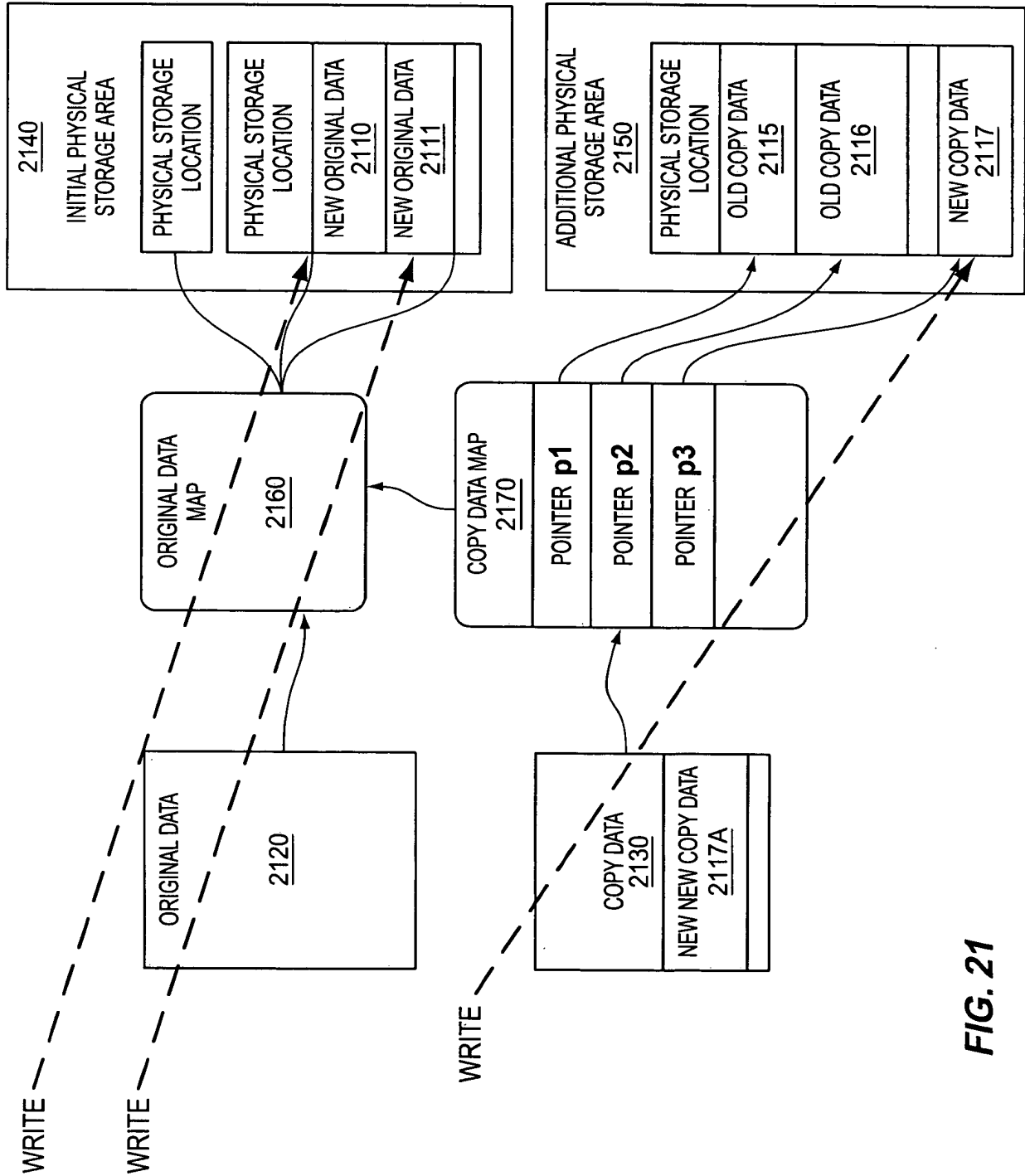


FIG. 21

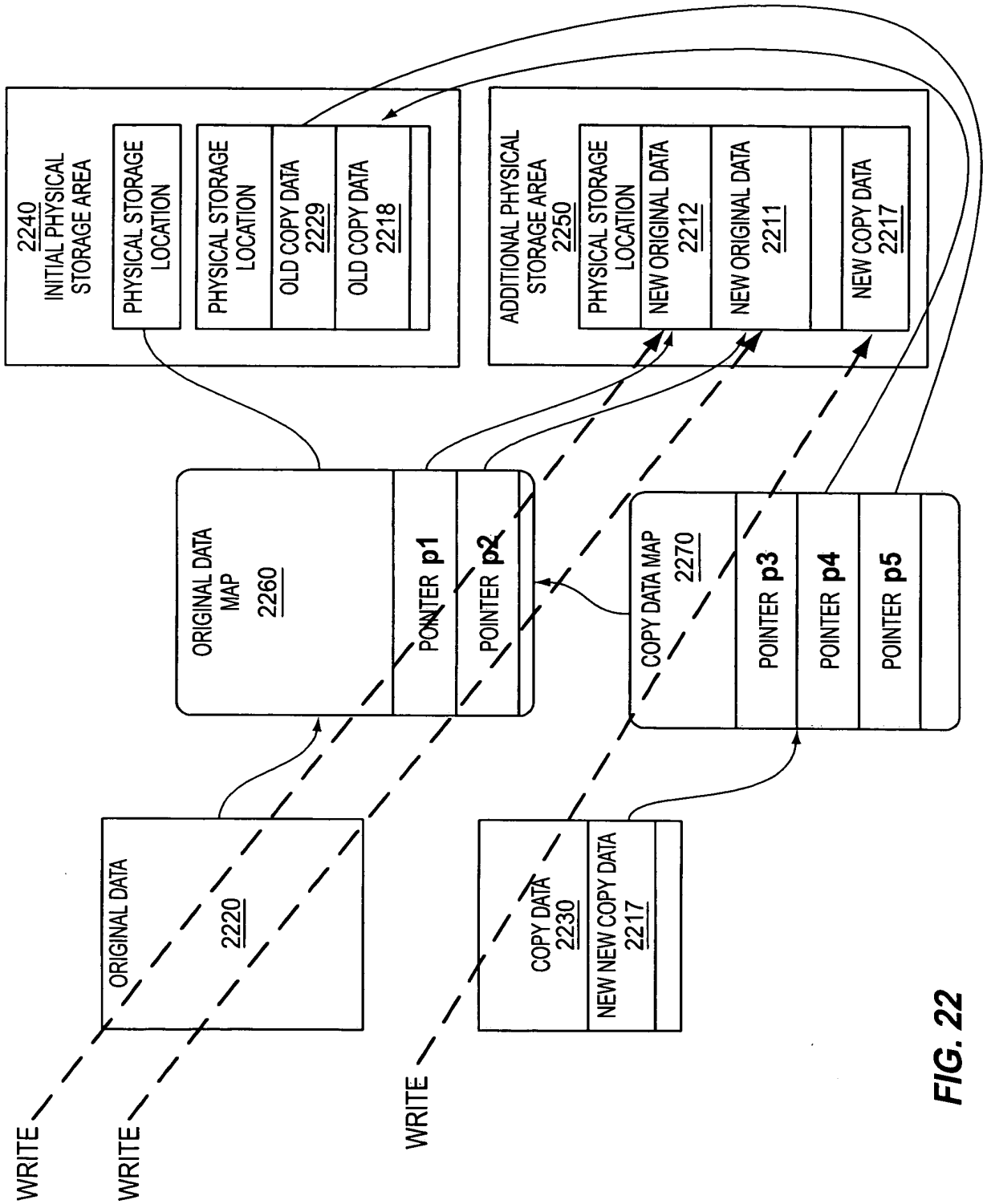


FIG. 22

Patent # 22349360

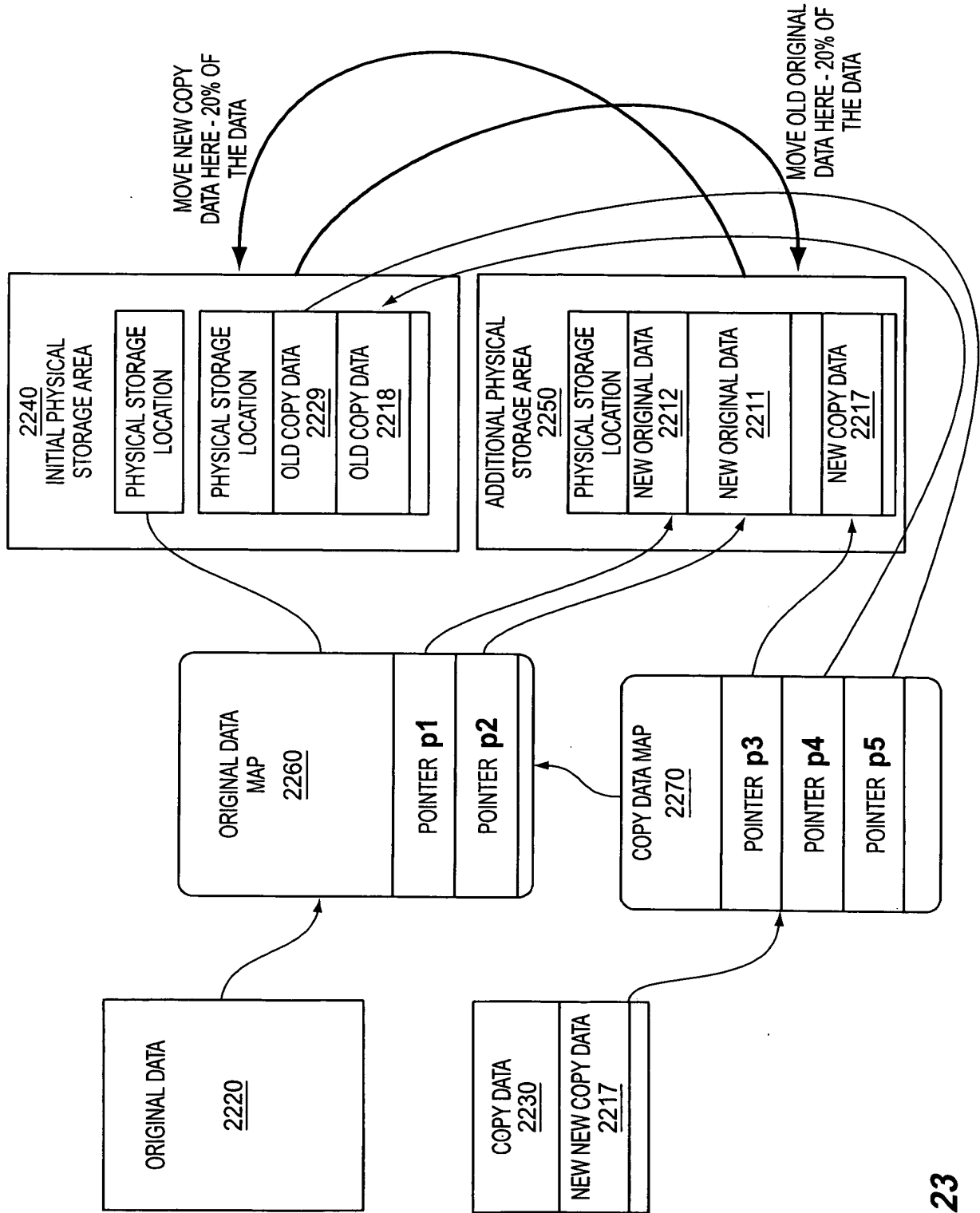
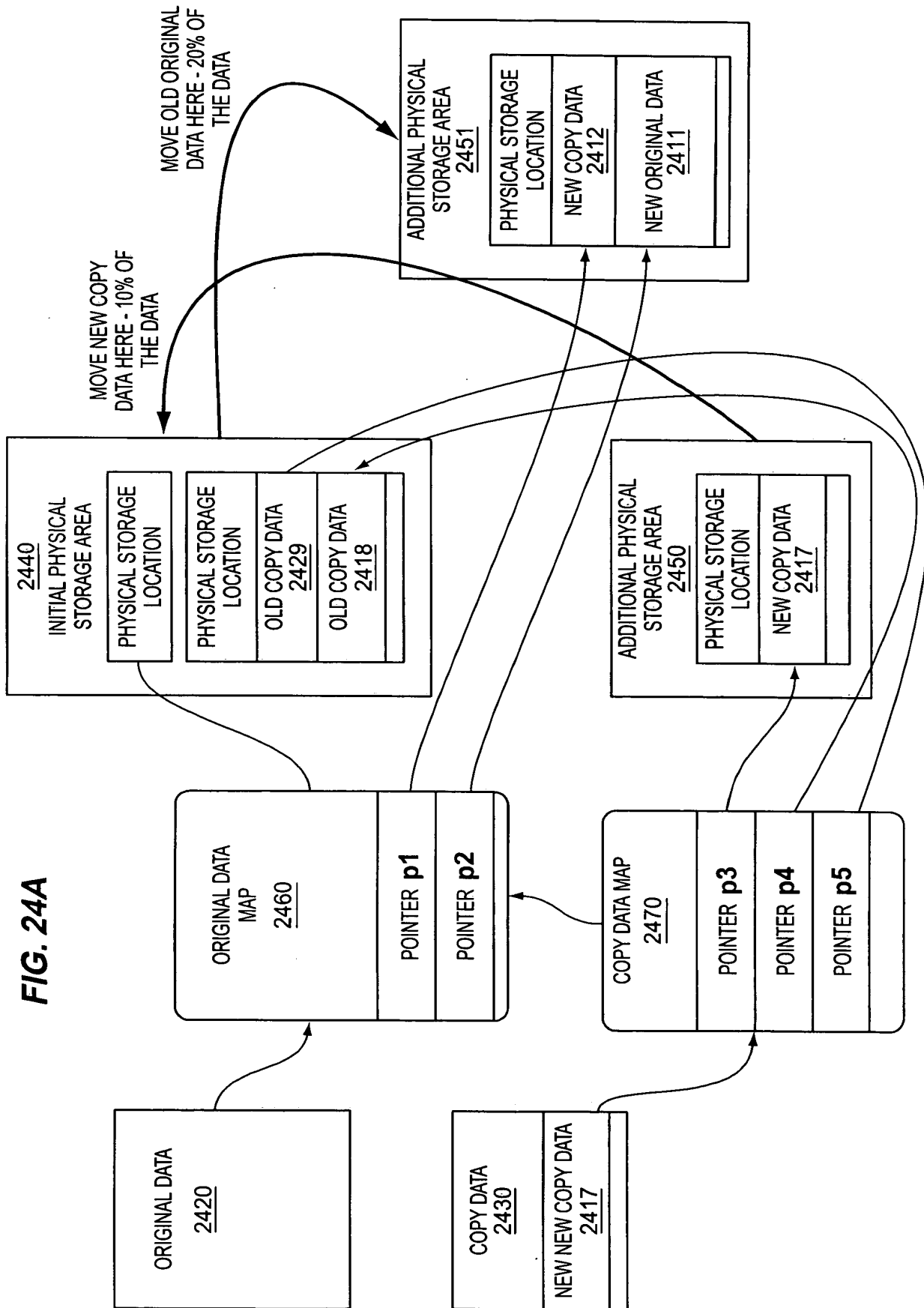
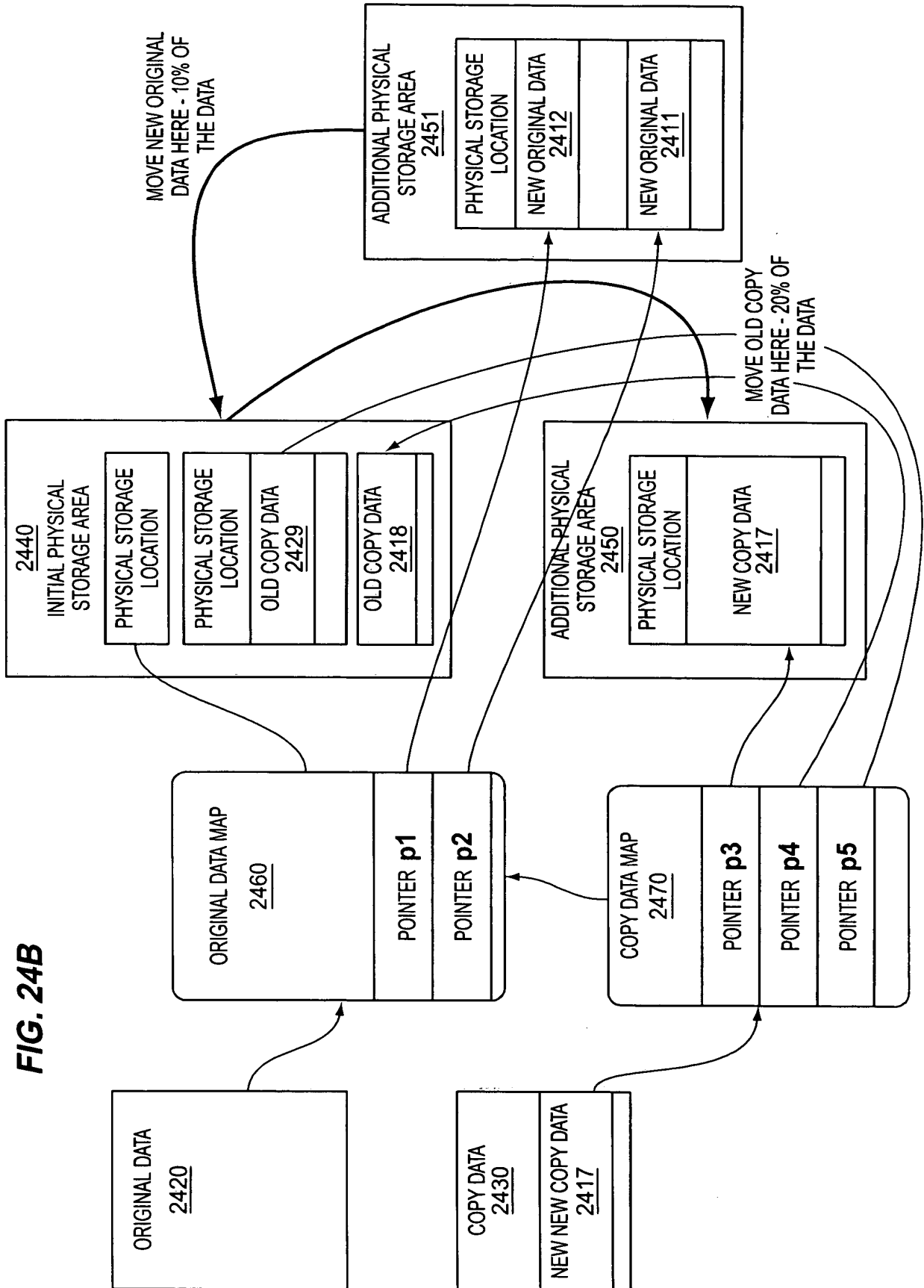
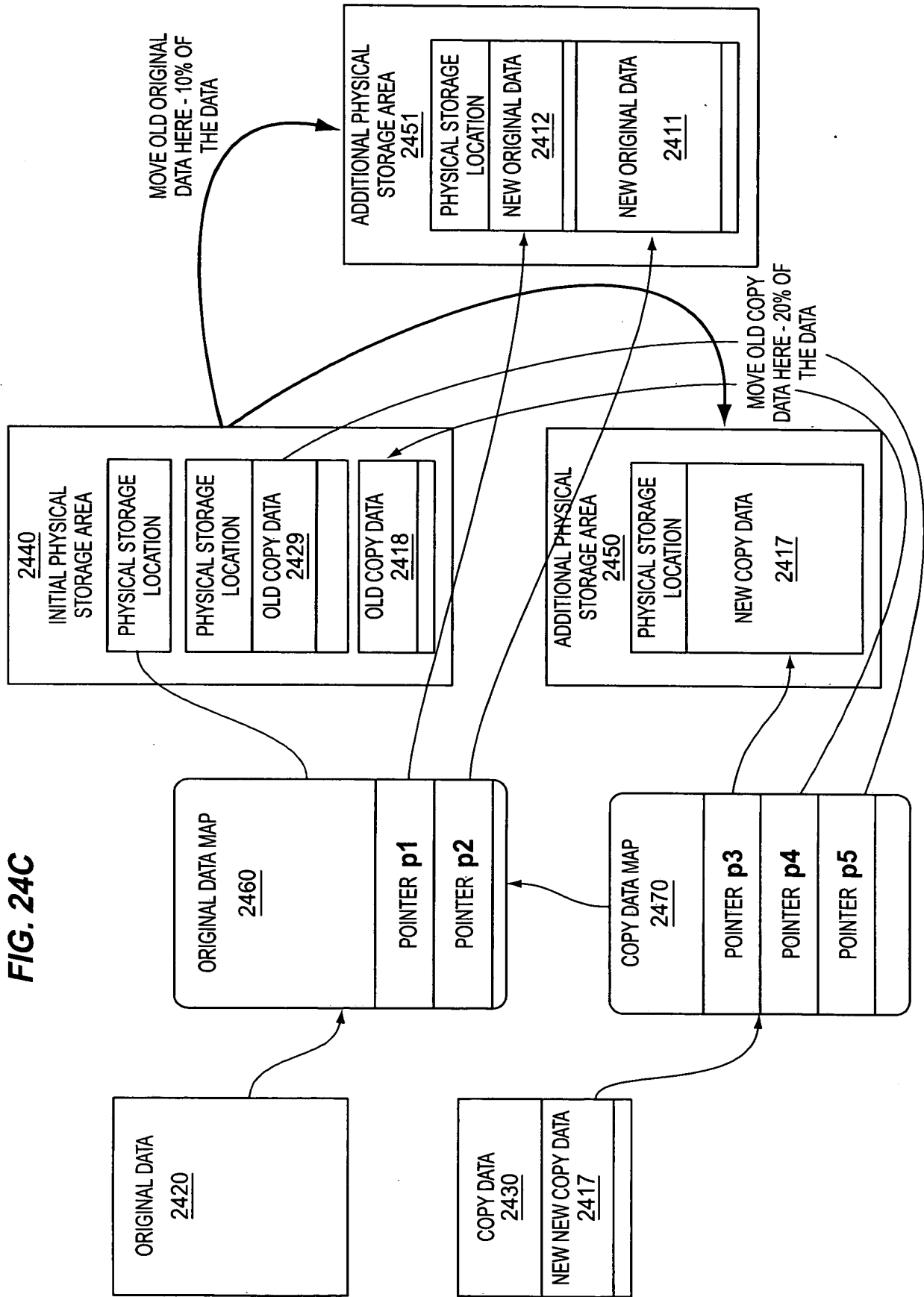


FIG. 23







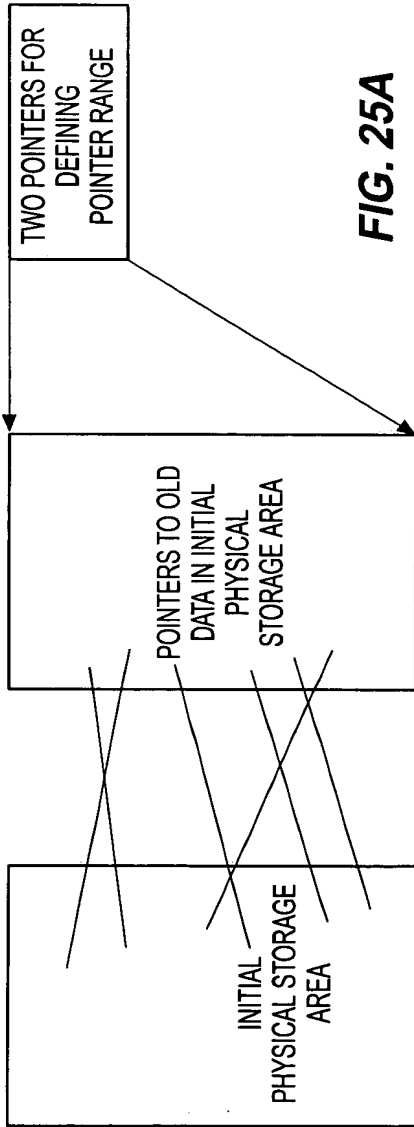


FIG. 25A

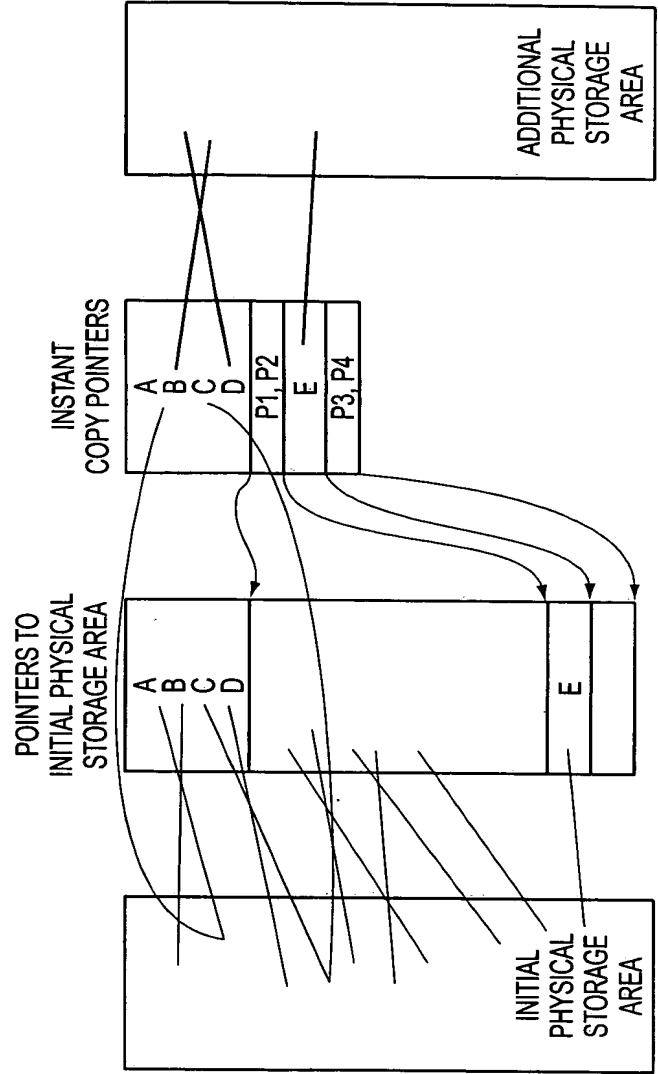


FIG. 25B